

**Flood Control Project Maintenance**  
**2013 Structure Summary Report**  
**Overall Unit and Item Ratings**

**Sacramento County**

**American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	A
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	A
	Sluice / Slide Gates	A
	Electric Gate Operators	A
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	A
	Intake and Discharge Pipes	A

**American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Operating Log	A
	Operation & Maintenance Manual	A
	Plant Building	A
	Communications	A
	Safety	A
	Cranes	A
	Pumps	A
	Power	A
	Motors, Engines, Fans & Gear Reducers	A
	Pump Control Systems	A
	Sumps/Wet Well	A
	Trash Racks	A
	Trash Rakes	N
	Sluice / Slide Gates	A
	Electric Gate Operators	A
	Manual Gate Operators	A
	Other Metallic Items	A
	Flap Gates	A
	Closure Structures	N
	Security Fencing	A
	Intake and Discharge Pipes	A

**Flood Control Project Maintenance****Unit Cover Sheet****2013 Pumping Plant Inspection Results****Sacramento County**

Pumping Plant
American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05

Pumping Plant Rating	<b>A</b>
Date of Inspection	07/30/2013
DWR Inspector	Maksim Khashchuk
Accompanied By	Jon Money County of Sacramento

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure						Structure Length	Inspection Start/End		Inspector
American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05							07/30/2013 07/30/2013		Maksim Khashchuk

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: Maintenance log is present on site at the pump station and is being used and updated.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	1 Y
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Inspector Comments: O & M manuals are located on site. Stored in same location as Operating Log.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	2 Y
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: Plant building appears to be in sound structural condition.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	3 Y
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: Cellular service is available to pump station personnel.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	4 Y
5	0.00	0.00	Pump Stations	Safety		A	Inspector Comments: No apparent safety hazards observed	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	5 Y
6	0.00	0.00	Pump Stations	Cranes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Cranes appear to be in operating condition.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	6 Y
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumps appear to be properly maintained and in proper working order.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	7 Y
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Power source and backup generators are on site.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	8 Y
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: All items appear to be operational and properly maintained.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	10 Y
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: These items appear to be operational and properly maintained.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	11 Y
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Inspector Comments: Sumps and wet wells are free of sediment and debris.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	12 Y
12	0.00	0.00	Pump Stations	Trash Racks		A	Inspector Comments: Trash racks are in place, properly maintained and clear of any debris.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	13 Y

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure							Structure Length	Inspection Start/End	Inspector	
American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05								07/30/2013 07/30/2013	Maksim Khashchuk	
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
13	0.00	0.00	Pump Stations	Trash Rakes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Trash rake appears to be properly maintained and in operational condition.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	14 Y
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A	Item inspected visually only. Item was not operated during the inspection.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	15
15	0.00	0.00	Pump Stations	Electric Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Electric gate operators appear to be in proper operating condition.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	16 Y
16	0.00	0.00	Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate operators appear to be in good working condition.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	17
17	0.00	0.00	Pump Stations	Other Metallic Items		A	Inspector Comments: Exposed metal parts are painted and protected from corrosion.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	18
18	0.00	0.00	Pump Stations	Flap Gates		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Flap gates appear to be properly maintained and operational.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	19 Y
19	0.00	0.00	Pump Stations	Closure Structures		N	Inspector Comments: Separate closure structures other than sluice gates are not present.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	20
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: Area is enclosed by adequate security fencing.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	21 Y
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pipes do not appear to have breaks, corrosion, holes or cracks that would be a source of water leakage.	38.584600 ° -121.421417 °	38.584600 ° -121.421417 °	22

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure	Structure Length	Inspection Start/End	Inspector
American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05		07/30/2013 07/30/2013	Maksim Khashchuk

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log

Photo shows desk with maintenance log and O & M manuals on site 07/25/2012

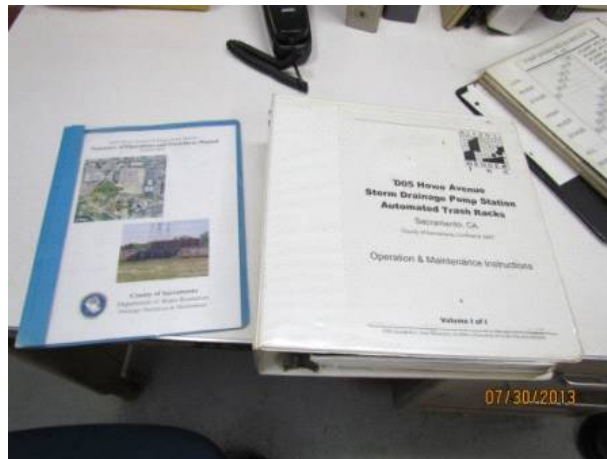
mkhashch\_t\_20130730\_001.JPG



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operation & Maintenance Manual

View of the O&M manual.

mkhashch\_t\_20130730\_092.JPG



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building

View of the pump building.

mkhashch\_t\_20130730\_093.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure	Structure Length	Inspection Start/End	Inspector
American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05		07/30/2013 07/30/2013	Maksim Khashchuk

Levee Mile Report Line	4
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Communications

View of the landline telephone on site 07/25/2012

mkhashch\_t\_20130730\_004.JPG



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Cranes

View of the cranes inside the building.

mkhashch\_t\_20130730\_094.JPG



Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pumps

View of the pumps 07/25/2012

mkhashch\_t\_20130730\_006.JPG



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure	Structure Length	Inspection Start/End	Inspector
American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05		07/30/2013 07/30/2013	Maksim Khashchuk

Levee Mile Report Line	8
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Power

Photo shows security fencing, power source and backup generator located in the background  
07/25/2012

mkhashch\_t\_20130730\_007.JPG



Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems

View of the pump control panel 07/25/2012

mkhashch\_t\_20130730\_008.JPG



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Sumps/Wet Well

View of the sumps and wells protected by trash racks.

mkhashch\_t\_20130730\_095.JPG



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure	Structure Length	Inspection Start/End	Inspector
American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05		07/30/2013 07/30/2013	Maksim Khashchuk

Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks

View of the trash racks and rakes 07/25/2012

mkhashch\_t\_20130730\_009.JPG



Levee Mile Report Line	13
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Rakes

08/05/2011 Close up photo of trash rake, note cleanliness and free of debris.

mkhashch\_t\_20130730\_010.jpg



Levee Mile Report Line	13
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Rakes

08/05/2011 Extended photo of trash rakes.

mkhashch\_t\_20130730\_011.jpg



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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure	Structure Length	Inspection Start/End	Inspector
American River Pumping Plant No. 1 Howe Avenue Storm Drain D - 05		07/30/2013 07/30/2013	Maksim Khashchuk

Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Electric Gate Operators

View of the gate operators 07/25/2012

mkhashch\_t\_20130730\_012.JPG



Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates

View of the flap gates on waterside 07/25/2012

mkhashch\_t\_20130730\_014.JPG



Levee Mile Report Line	20
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Security Fencing

View of the security fencing around the pumping facility 07/25/2012

mkhashch\_t\_20130730\_015.JPG



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**Flood Control Project Maintenance****Unit Cover Sheet****2013 Pumping Plant Inspection Results****Sacramento County**

Pumping Plant
American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43

Pumping Plant Rating	<b>A</b>
Date of Inspection	07/30/2013
DWR Inspector	Maksim Khashchuk
Accompanied By	Jon Money Sacramento County

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure							Structure Length	Inspection Start/End		Inspector	
American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43								07/30/2013 07/30/2013		Maksim Khashchuk	
LMR No.	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
1	0.00	0.00	Pump Stations	Operating Log		A	Inspector Comments: Operating log is kept on site and being used and updated.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	1 Y	
2	0.00	0.00	Pump Stations	Operation & Maintenance Manual		A	Inspector Comments: O & M Manual is kept on site, posted instructions are also written on dry erase board.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	2 Y	
3	0.00	0.00	Pump Stations	Plant Building		A	Inspector Comments: Building appears to be in sound structural condition.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	3 Y	
4	0.00	0.00	Pump Stations	Communications		A	Inspector Comments: Telephone on site and cellular service is available to the operators.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	4 Y	
5	0.00	0.00	Pump Stations	Safety		A	Inspector Comments: No safety hazards are visible.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	5 Y	
6	0.00	0.00	Pump Stations	Cranes		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Crane appears to be in good working condition.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	6 Y	
7	0.00	0.00	Pump Stations	Pumps		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Pumps appear to be properly maintained and operational.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	7 Y	
8	0.00	0.00	Pump Stations	Power		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: No visible deficiencies, backup generator is on site.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	8 Y	
9	0.00	0.00	Pump Stations	Motors, Engines, Fans & Gear Reducers		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Items appear to be well maintained and operational.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	10 Y	
10	0.00	0.00	Pump Stations	Pump Control Systems		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Controls appear well maintained and free of corrosion.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	11 Y	
11	0.00	0.00	Pump Stations	Sumps/Wet Well		A	Inspector Comments: Wet well is clear of debris.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	12 Y	
12	0.00	0.00	Pump Stations	Trash Racks		A	Inspector Comments: Trash rack is in place and free of debris.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	13 Y	
13	0.00	0.00	Pump Stations	Trash Rakes		N	Inspector Comments: There is no mechanical trash rake at this facility.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	14 Y	

**\* Location**

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**\*\* Rating**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure							Structure Length	Inspection Start/End	Inspector	
American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43								07/30/2013 07/30/2013	Maksim Khashchuk	
LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
14	0.00	0.00	Pump Stations	Sluice / Slide Gates		A	Item inspected visually only. Item was not operated during the inspection.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	15
15	0.00	0.00	Pump Stations	Electric Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Electronic gate operators appear to be properly maintained and in proper working order.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	16 Y
16	0.00	0.00	Pump Stations	Manual Gate Operators		A	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Manual gate controls appear to be properly maintained and look to be operational.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	17
17	0.00	0.00	Pump Stations	Other Metallic Items		A	Inspector Comments: Other metallic items are painted to protect from corrosion.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	18
18	0.00	0.00	Pump Stations	Flap Gates		A	Inspector Comments: Flap gates are visible and appear to be in working order, there was no flow to test for leakage.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	19 Y
19	0.00	0.00	Pump Stations	Closure Structures		N	Item inspected visually only. Item was not operated during the inspection. Inspector Comments: Slide/Sluice gates act as closure structures. They are not visible for inspection.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	20
20	0.00	0.00	Pump Stations	Security Fencing		A	Inspector Comments: Security fencing encloses standby generator. Building is securely locked.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	21
21	0.00	0.00	Pump Stations	Intake and Discharge Pipes		A	Inspector Comments: No visible defects in pipes.	38.584904 ° -121.421534 °	38.584904 ° -121.421534 °	22

**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

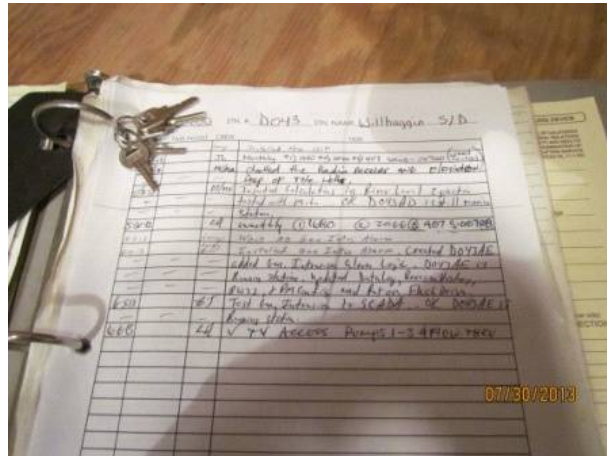
**Sacramento County**

Structure	Structure Length	Inspection Start/End	Inspector
American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43		07/30/2013 07/30/2013	Maksim Khashchuk

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operating Log

Photo shows operating log on site.

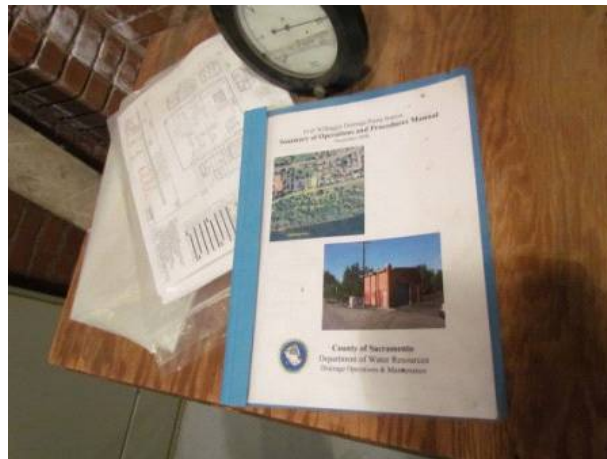
mkhashch\_t\_20130730\_096.JPG



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Operation & Maintenance Manual

07/25/2012 Photo shows O&M manual on site.

mkhashch\_t\_20130730\_017.JPG



Levee Mile Report Line	3
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Plant Building

View of the pumping plant.

mkhashch\_t\_20130730\_097.JPG



**\* Location**

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure	Structure Length	Inspection Start/End	Inspector
American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43		07/30/2013 07/30/2013	Maksim Khashchuk

Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Cranes
View of the crane above the pumps inside the building. 07/25/2012	
mkhashch_t_20130730_019.JPG	



Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pumps
View of the pump motors 07/25/2012	
mkhashch_t_20130730_020.JPG	



Levee Mile Report Line	8
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Power
View of the backup generator 07/25/2012	
mkhashch_t_20130730_021.JPG	

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
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PO : Partially Obstructing  
CO : Completely Obstructing  
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure	Structure Length	Inspection Start/End	Inspector
American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43		07/30/2013 07/30/2013	Maksim Khashchuk

Levee Mile Report Line	10
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Pump Control Systems

View of the pump controls panel 07/25/2012

mkhashch\_t\_20130730\_022.JPG



Levee Mile Report Line	12
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Trash Racks

Photo shows properly maintained trash rack free of debris.

mkhashch\_t\_20130730\_098.JPG



Levee Mile Report Line	15
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Electric Gate Operators

View of the gate controls 07/25/2012

mkhashch\_t\_20130730\_024.JPG



**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable

PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Structure 2013**

**Sacramento County**

Structure	Structure Length	Inspection Start/End	Inspector
American River Pumping Plant No. 2 Willhaggin Storm Drain D - 43		07/30/2013 07/30/2013	Maksim Khashchuk

Levee Mile Report Line	18
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Pump Stations
Item	Flap Gates
View of the flap gates 07/25/2012	
mkhashch_t_20130730_025.JPG	



<b>* Location</b> LS : Land Side WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected, see Inspector Comment	C : Corrected
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